

STATE OF INDIANA
DEPARTMENT OF ENVIRONMENTAL MANAGEMENT

PUBLIC NOTICE NO. 2013- 8I - RD

DATE OF NOTICE: AUGUST 28, 2013

DATE RESPONSE DUE: SEPTEMBER 30, 2013

For your rights & responsibilities regarding the Public Notice process see: <http://www.in.gov/idem/5474.htm> ; Public Participation Guide: <http://www.in.gov/idem/4172.htm>; & the Citizen Guide: <http://www.in.gov/idem/5803.htm>

The Office of Water Quality proposes the following NPDES DRAFT PERMITS:

MAJOR - NEW

ST. JOSEPH ENERGY CENTER, Permit No. IN0064122, ST. JOSEPH COUNTY, 54801 Walnut Rd, New Carlisle, IN. This industrial facility proposes to construct a combined cycle gas turbine power plant to discharge 5.9 MGD of cooling tower blowdown wastewater to the Niespodziany Ditch in the Kankakee River Watershed. The thermal component of the discharge is subject to effluent limitations under the Clean Water Act (CWA).

Thermal Effluent Limitations based on Indiana Water Quality Standards (applicable in the absence of a 316(a) variance): The discharge from the outfall, as determined at the edge of the mixing zone described in 327 IAC 2-1-4, shall not exceed the maximum limits in the following table more than one percent (1%) of the hours in the twelve (12) month period ending with any month. At no time shall the water temperature at such locations exceed the maximum limits in the following table by more than three degrees Fahrenheit (3°F) (one and seven-tenths degrees Celsius (1.7°C)).

Indiana Water Quality Standards												
	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
°F	50	50	60	70	80	90	90	90	90	78	70	57
°C	10	10	15.6	21.1	26.7	32.2	32.2	32.2	32.2	25.5	21.1	14

2. Section 316(a) of the CWA applies to point sources with thermal discharges. It authorizes the NPDES permitting authority to impose alternative effluent thermal limitations for the control of the thermal component of a discharge in lieu of the effluent limits that would otherwise be required under Section 301 or 306 of the CWA.

The NPDES permit for the SJEC contains alternative thermal effluent limits established in accordance with 327 IAC 5-7 and Section 316(a) of the Clean Water Act based on the thermal impact study which was completed as part of the initial permit application. IDEM has reviewed the study and the application for alternate thermal effluent limits in accordance with 327 IAC 5-7. IDEM proposes to allow the SJEC to meet the following alternative thermal effluent limitations because the alternative thermal effluent limitations will ensure the protection and propagation of a balanced indigenous community of shellfish, fish and wildlife in and on the Niespodziany Ditch.

Proposed ATEL Table: Daily Maximums												
	Jan	Feb	Mar	Apr	May	Jun*	Jul*	Aug*	Sep*	Oct	Nov	Dec
°F	77.5	73.6	82.6	85.3	85.3	90	90	90	90	85.3	85.3	75.4
°C	25.3	23.1	28.1	29.6	29.6	32.2	32.2	32.2	32.2	29.6	29.6	24.1

Proposed ATEL Table: Maximum Weekly Averages												
	Jan	Feb	Mar	Apr	May	Jun*	Jul*	Aug*	Sep*	Oct	Nov	Dec
°F	68.7	67.3	80.6	80.6	80.6	90	90	90	90	80.6	80.6	68.2
°C	20.4	19.6	27.0	27.0	27.0	32.2	32.2	32.2	32.2	27.0	27.0	20.1

Monitoring and reporting of the discharge temperature is to occur on a continuous basis and measurements shall be recorded at a frequency of once per hour. The highest single recorded measurement for each day shall be reported on the state monthly monitoring report and on the federal discharge monitoring report as the maximum daily temperature of that day. The highest calculated weekly average shall be reported on the state monthly monitoring report and on the federal discharge monitoring report as the maximum weekly average.

* At no time shall the water temperature at such locations exceed the maximum limits in the tables above by more than three degrees Fahrenheit (3°F) (one and seven-tenths degrees Celsius (1.7°C)). Permit Manager: Nicole Gardner, 317/232-8707, ngardner@idem.in.gov. Published in the South Bend Tribune.

MAJOR – MODIFICATION

DUKE ENERGY – CAYUGA GENERATING STATION, Permit No. IN0002763, VERMILLION COUNTY, 3300 N SR 63, Cayuga, IN. This industrial permit modification adds Manganese requirements for internal Outfall #101. Permit Manager: Nicole Gardner at 317/232-8707, ngardner@idem.in.gov. Published in the Daily Clintonian.

MINOR – RENEWALS

JACKSON HEIGHTS MHP WWTP, Permit No. IN0048763, SCOTT COUNTY, 1552 N Boatman Rd, Scottsburg, IN. This semi-public facility discharges 0.0105 million gallons daily of treated sanitary wastewater into Honey Run Creek. Permit Manager: John Donnellan at 317/234-0865, jdonnell@idem.in.gov. Published in the Scott County Journal

MULZER CRUSHED STONE INC – CAPE SANDY QUARRY, Permit No. IN0001139, CRAWFORD COUNTY, 19925 S Alton Fredonia Rd, Leavenworth, IN. This industrial facility discharges 1.0 million gallons daily of process wastewater into the Ohio River. Permit Manager: Miranda Ritchie, 317/234-8129, mritchie@idem.in.gov. Published in the Clarion News.

MULZER CRUSHED STONE INC – TEMPLE QUARRY, Permit No. IN0029661, CRAWFORD COUNTY, 2785 E Temple Rd, Temple, IN. This industrial facility discharges 1.3 million gallons daily of process wastewater into Camp Creek. Permit Manager: Jennifer Carlino, 317/232-8702, jcarlino@idem.in.gov. Published in the Clarion News.

NORTH WEBSTER (town) WWTP, Permit No. IN0040444, KOSCIUSKO COUNTY, 7203 E 650 N, North Webster, IN. This municipal facility discharges 0.5 million gallons daily of sanitary wastewater into Kuhn Ditch to James Lake. Permit Manager: Alissa Pryor, 317/232-8739, apryor@idem.in.gov. Published in the Times Union.

ODON (town) WWTP, Permit No IN0020214, DAVIESS COUNTY, SR 58 W, Odon, IN. This municipal facility discharges 0.24 million gallons daily of treated sanitary wastewater into Kane Ditch. Permit Manager: Jason House, 317/233-0470, jahouse@idem.in.gov. Published in the Washington Times Herald.

STEEL DYNAMICS INC, Permit No. IN0059021, DEKALB COUNTY, 4500 CR 59, Butler, IN. This industrial facility discharges 2.7 million gallons daily of storm water & non-process wastewater into Solomon Shank Ditch. Permit Manager: Nicole Gardner at 317/232-8707, ngardner@idem.in.gov. Published in the Evening Star.

PRETREATMENT - MODIFICATION

COOK INCORPORATED, Permit No. INP000214, MONROE COUNTY, 6300 N Matthews Dr, Ellettsville, IN. This industrial pretreatment permit modification reflects the change in sampling location. Permit Manager: Holly Zurcher at 317/234-2122, hzurcher@idem.in.gov. Published in the Herald Times.